

## Near-Edge Performance Printer

### Intelligent, Industrial Thermal Printer

The p1120n Performance Printer offers a unique near-edge printhead that allows full use of the label, giving customers the ability to design and code barcodes that support detailed information. The flexible multimedia printing allows labels to be printed on synthetics, tags, self-adhesives, plastics, and gives users the ability to integrate barcode printing across a wide variety of applications. The p1120n also offers auto-loading capabilities, a user-friendly touchscreen and uses industry-standard PCL printer language.

PCL is a globally adopted laser-compatible printer language that allows easy integration into SAP® and other network environments. The inclusion of PCL allows the printer to run on a variety of operating systems so it is independent of any application software running on a computer. This ensures faster and easier plug-and-play integration, getting printer systems up and running sooner.

The Performance Series printers are available with numerous options to meet the most diverse requirements. Some of the options include internal rewinder, peeler and cutter, USB host, GP I/O, 802.11 b/g Wi-Fi and an audio alarm.



*An intuitive color touchscreen makes setup and performance enhancements as simple as 1-2-3. The printer provides front-panel print-quality adjustments, auto-media calibration and loading, as well as ribbon-tensioning controls.*

## FEATURES & BENEFITS



Users now benefit from a higher-resolution printhead with better text, images and barcodes at a 203-dpi printhead price.



A ruggedized thermal barcode printer that reduces operating costs with seamless integration of true PCL5e & PCL6 devices.



Die-cast frame and metal covers are designed specifically for harsh work environments.



A graphic color touchscreen display with an intuitive menu allows seamless user-interface and navigation.



Media auto-loading and calibration gives printer operators freedom from complex and time-consuming media setup.

# Technical Specifications

## PHYSICAL CHARACTERISTICS

**Dimensions (WxDxH):** 274 x 475 x 302 mm (10.8 x 18.7 x 11.9 in)

**Weight:** 19 kg (41 lbs)

**Construction:** Solid aluminum die-cast powder-coated frame, metal side-opening cover for loading media and a large clear media window

## USER ENVIRONMENT

### Operating Temperature:

Operating: 0°C (32°F) to 40°C (104°F)

Storage: -20°C (-4°F) to 60°C (140°F)

**Safety:** Media cover-open warning

**Control Panel:** Graphic 320 x 240 color touchscreen display with wallpaper

## PRINT TECHNOLOGY

**Printhead Technology:** 300-dpi near-edge

**Max Print Width:** 108.5 mm (4.3 in)

**Max Print Speed:** 8 ips (203 mm/ps)

**Max Feed Speed:** 8 ips (203 mm/ps)

**Max Back Up Speed:** 5 ips (127 mm/ps)

**Patent-Pending Automatic Printhead-Pressure Adjustment:** (increases printhead life) printhead cooling fan

**Memory:** 32MB Flash/64MB SDRAM

**Clock:** On-board, real-time clock with user-replaceable 3-year battery

**Paper-Low Sensor and Ribbon-Low Sensor:** Capable of paper-low notification

**Printer Type:** Direct thermal, (optional thermal transfer)

## POWER SOURCE

**Electrical:** Universal (PFC-compliant) power supply 90-264 VAC; 47-63Hz

## COMMUNICATION

**Communication Ports (Standard):** USB 2.0 Device, 10/100 Base-T Ethernet

**Communication Ports (Optional):** Wireless module- 802.11 b/g, Applicator GP I/O & serial (RS-232C) port, USB host connection)

### Security Protocols

	WEP	WPA	WPA2
<b>Modes</b>		PSK/Enterprise	
<b>Security/Encryption</b>	64/128	TKIP/RC4	CCMP/AES
<b>Authentication</b>	LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP		

**Encryption Protocol:** Wired and wireless connections – AES 256 for secure data transmission for healthcare, pharmaceutical, USA government and retail applications. Meets HIPAA and FIPS 170.210 and 140-02 encryptions requirements

## MEDIA

**Media Types:** Roll-fed, die-cut, continuous labels; perforated or continuous tag/ticket stock 203 mm roll (8 in) max diameter on 76 mm (3 in) core wound out, fan-fold stock accepted.

**Media Thickness Range:** 0.06 mm (0.003 in) to 0.64 mm (0.03 in)

### Top-Of-Form Sensor/Media Sensing:

Double-sided, adjustable position for label gap, notch and reflective black mark on bottom or top of form.

**Label Backfeed:** For use with optional cutter & peel and present.

### Near-Edge Ribbons

**Ribbon Core:** 25.4 mm (1.0 in)

**Ribbon Length:** 600 m (1,968 ft)

### Coated-Side-In and Coated-Side-Out

*For optimum print quality and printer performance, use certified Honeywell media supplies.*

## SOFTWARE/FIRMWARE

**Network/Software Support:** DHCP, TCP/IP, UDP, DNS, BOOTP, NTP, SSH, SNMP, Robust MIB

**Embedded Configurator:** Resident printer configuration tool, embedded network web pages.

**Drivers:** Windows® XP, Windows® 7, Windows® 8 & 8.1, Network management is done with standard HP-compatible network-management tools. Works with HP Openview®, Tivoli® and others. Network Time Protocol Rev 4 for Computer Security Log Management SP800-92

**Apple:** Works in MACBook Pro® with the HP Laserjet® Series PCL4/5 driver  
Linux and Unix: Cups Drivers

**SAP®:** SAP® ready, (device type YDM1120 DocOrigin Certified)

## AGENCY APPROVAL

*Contact your Honeywell sales representative for the most recent list of agency approvals.*

## BARCODES/FONTS/GRAPHICS

**Bar Codes:** Aztec, Codabar, Code 128 Autoswitch, Code 128 Code Set A, Code 128 Code Set B, Code 128 Code Set C, Code 3 of 9, Code 93, DataMatrix, EAN-13, EAN-8, Extended Code 3 of 9, FIM, GS1 Databar (RSS), GS1-128(UCC/EAN Code 128), HIBC, Interleaved 2 of 5 with a module 10 checksum, & shipping bearer bars, MicroPDF417, PDF-417, Planet, Plessey, Postnet, QR Code – Auto format, Telepen, UPC-A, UPC-E, UPS MaxiCode

**FonTS:** 50 Standard resident Scalable fonts: Albertus Medium, Albertus Extra Bold, Antique Olive, Antique Olive Italic, Antique Olive Bold, Arial, Arial Italic, Arial Bold, Arial Bold Italic, Clarendon Condensed Bold, Coronet, Courier, Courier Italic, Courier Bold, Courier Bold Italic, Garamond Antiqua, Garamond Kursiv, Garamond Halbfett,

Garamond Kursiv Halbfett, Letter Gothic, Letter Gothic Italic, Letter Gothic Bold, Marigold, CG Omega, CG Omega Italic, CG Omega Bold, CG Omega Bold Italic, CG Times, CG Times Italic, CG Times Bold, CG Times Bold Italic, CG Triumvirate Bold, CG Triumvirate Bold Condensed, Times New Roman, Times New Roman Italic, Times New Roman Bold, Times New Roman Bold Italic, Univers Medium, Univers Medium Italic, Univers Bold, Univers Bold Italic, Univers Condensed Medium, Univers Condensed Medium Italic, Univers Condensed Bold, Univers Condensed Bold Italic, Symbol, Wingdings, OCR-B, OCR-A

**Downloadable Font Types:** True-Type, PCL Bitmap (300-dpi)

**PCL Macros:** Multiple PCL Macros can be store in flash, overlay macros can be used and stored in flash.

**Graphics:** Full support of PCL5e & PCL6 and GL/2 graphics capability is provided, (support of various host based file formats such as .pcx, .bmp are not part of the PCL5e & PCL6 standard but are supported and converted by standard applications). Industry-standard printer language HP PJI, HP PCL 5e, HP GL/2 and HP XL, printer languages with auto language select in addition to extensions for barcode. Also provides standard bi-directional communications capabilities.

## ACCESSORIES

**External Rewinder  
Media Catch tray**

## OPTIONS

**Audio Alarm  
Cutter  
Cutter Tray  
Expanded 64-MB Flash Memory  
Internal Powered Rewind with Adjustable Tension  
Media Hub Adapters 25.4 mm (1 in) or 38.1 mm (1.5 in)  
Peel & Present  
Thermal Transfer**

## WARRANTY

**Standard Printer Warranty\*:** 1 year (including platen roller and installed options)  
**Standard Printhead Warranty\*:** 1 year or 25,400,000 mm (1,000,000 in), whichever comes first  
**Extended Warranty:** Contact your Honeywell sales representative for extended warranty options available through Honeywell Repair Services

*\*When used with approved supplies*

## Honeywell Scanning & Mobility

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